



## Big Sky Extracts

P.O. Box 1599  
Chinook, MT 59523  
aaron@bigskyextracts.com  
(240) 246-5664  
Lic. #


Sample: 2111FID3536.23986

Strain: Merlot  
Batch #: ; Lot #:  
METRC Batch: ; METRC Sample:  
Analysis Initiated: 11/19/2021; Report Created: 11/22/2021  
Sampling SOP: SOP-0050

## Montana Pure Botanicals 1500mg Tincture Blend

Ingestible, Tincture, CO2  
Harvest/Production Date:



	<b>2.17 mg/mL</b> Total Potential Psychoactive THC	<b>55.49 mg/mL</b> Total CBD	<b>Not Tested</b> Foreign Matter
	<b>2.22 mg/mL</b> Total Raw THC	<b>64.32 mg/mL</b> Total Cannabinoids	<b>Not Tested</b> NT Moisture

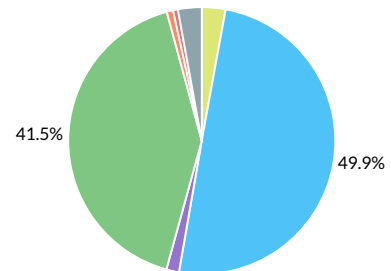
## Cannabinoids

Pass

Analytical Calibration Batch: Cannabinoids AF 11162021

Analyte	LOQ mg/mL	Mass mg/mL	Mass mg/g
THCa	0.00	0.37	0.40
Δ9-THC	0.00	1.85	1.98
Δ8-THC	0.00	ND	ND
THCV	0.00	ND	ND
CBDa	0.00	26.70	28.59
CBD	0.00	32.08	34.35
CBN	0.00	ND	ND
CBGa	0.00	0.50	0.53
CBG	0.00	0.98	1.05
CBC	0.00	1.85	1.98
<b>Total</b>		<b>64.32</b>	<b>68.87</b>

■ CBC ■ CBD ■ CBG ■ CBDa  
■ CBGa ■ THCa ■ Δ9-THC



1 ml = 0.9339 g

Total Potential Psychoactive THC = THCa \* 0.877 + d9-THC  
Total CBD = CBDa \* 0.877 + CBD

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected; PPM = Parts per Million; PPB = Parts per Billion; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP-0037; Full spectrum cannabinoid analysis utilizing Shimadzu Prominence High Performance Liquid Chromatography with UV detection (HPLC-UV).

SOP-0035; Foreign matter inspection includes but is not limited to hair, insects, stems, and feces. Filth is inspected using a M16-209 stereoscope. Stem measurements are performed using fisher calipers.

SOP-0036; Moisture analysis is performed using a Shimadzu moisture analyzer MOC63u UL.



Fidelity Diagnostics Laboratory  
216 Trade St.  
Missoula, MT 59808  
(406) 926-2211  
http://www.fidim.com  
License # L-00002





Andre Umansky  
Laboratory Director

Accredited to ISO/IEC 17025:2017  
Accreditation #: 102722

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## Montana Pure Botanicals 1500mg Tincture Blend

Ingestible, Tincture, CO2  
Harvest/Production Date:



## Terpenes

Analytical Calibration Batch:

Analyte	LOQ	Mass	Mass
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## Primary Aromas



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## Montana Pure Botanicals 1500mg Tincture Blend

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## Residual Solvents

Not Tested

Analytical Calibration Batch:

Analyte	LOQ	State Limits	Mass	Status	Analyte	LOQ	State Limits	Mass	Status
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LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.  
SOP-0056; A wide spectrum analysis of Residual Solvents using Gas Chromatography Mass Spectrometry (Thermo Scientific ISQ7000 GCMS).

## Mycotoxins

Not Tested

Analytical Calibration Batch:

Analyte	LOQ	State Limit	Mass	Status
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LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP-0048; Mycotoxin screening is performed using Sciex 6500+ LCMSMS with Exion XR front HPLC.

## Microbials

Not Tested

Analyte	Limit	Mass	Status
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LOQ = Limit of Quantitation; TNC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP-0057: Mold, E.Coli, and Salmonella analysis on AriaDX qPCR using Medicinal Genomics validated methods.  
SOP-0061: Mold enumeration using Hardy Diagnostics media.



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